FFF TRANSMITTAL

Complete if Known

PTO/SB/17 (10-03)
Approved for use through 07/31/2006, OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

, LE INAROMIIIA			Application Number 10/6			r 10/623	623,062					
for FY 2004			Filing Date July			July 18	18, 2003					
Effective 10101/2003. Patent fees are subject to annual revision.			First Named Inventor Derri			or Derrick	k Chu Lin					
Applicant claims small entity status. See 37 CFR 1.27		\dashv	Examiner Name Davi			David	d Malzahn					
Applicant daims small entity status.			Art Unit 2124			2124						
TOTAL AMOUNT OF PAYMENT	(\$) 110.00		Attorney Docket No. 42P3465XD									
METHOD OF PAYMENT (check	all that apply)		-		FEE	CALCULA	TION (co	ntinued)				
Check Credit card Money Order	Other None				FEES	3						
Deposit Account:		<u>Large</u> Fee	Fee	Small Fee	Entity Fee		.					
Deposit Account 02-2666		Code	(\$)	Code	(\$)		Fee Description Fee Pa					
Number		1051	130	2051		-	narge - late filing fee or cath					
Deposit Account	·	1052	50	2052		urcharge - late provisional filling fee or over sheet						
Name The Director is authorized to: (check all that a	oply)	1053	130	1053			English specification:					
	lit any overpayments		2,520									
Charge any additional fee(s) or any underpart		1804	920*	1804	920" R	equesting put xaminer action	n n	к ргют ю	 ,			
Charge fee(s) Indicated below, except for the above-identified deposit account.	e filing fee	1805	1,840°	1805 1	1,840° R	Requesting put Examiner actio	blication of S n	IR after				
FEE CALCULATION	1	1251	110	2251	55 E	xtension for n	eply within fir	st month				
1. BASIC FILING FEE		1252	420	2252	210 E	extension for r	eply within se	econd month				
Large Entity Small Entity	Fee Paid	1253	950	2253		extension for n	eply within; th	ilrd month .				
Fee Fee Fee Fee Description Code (\$) Code (\$)	ree Faid		1,480	2254		xtension for n	· · · · · · · · · · · · · · · · · · ·					
1001 770 2001 385 Utility filing fee	·.——	1255		2255	1,005 €	xtension for r	eply within:fif	th month				
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee		1401	330	2401		lotice of Appe						
		1402	330	2402		iling a brief in		n appeal				
		1403	290	2403		equest for ora						
		1451	110	1451 2452	-	etition to reviv		use proceeding				
SUBTOTAL (1) (\$).		1453		2453		etition to reviv						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1501	· I	2501		Itility issue fee						
Fee from Ext <u>ra Claims below Fee Paid</u>		1502	480	2502		esign issue fe						
Total Claims 20** = X = X =		1503	640	2503	320 F	Plant issue fee						
Claims - 3** = X L Multiple Dependent	· · · · · · · · · · · · · · · · · ·		130	1460	130 F	Petitions to the	Commission	ner				
			50	1807	50 F	Processing fee	under 37 CF	R 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Fee Descrip			180	1806	180 S	ubmission of I	Information D	isclosure Stmt				
Code (\$) Code (\$)	÷ (\$)		40	8021	40 R	ecording each	number of p	roperties)				
			770	2809		iling a submis		al rejection				
	inns in excess of 3	1810	770	2810		37 CFR 1.129 or each additi	• ••	n to be				
1204 86 2204 43 ** Reissue inde	43 ** Reissue independent claims				e	xamined (37 (CFR 1.129(b))				
over original	over original patent		770	2801		-		mination (RCE)				
	2205 9 ** Reissue claims in excess of 20 and over original patent		900	1802		Request for ex of a design app		minauon				
SUBTOTAL (2) (S)			fee (spe		TERM		IMER	1,20(4)	110.00			
**or number previously paid, if greater; For Reissues, see above			ced by	Basic Fi	ling Fee	Paid S	SUBTOTAL	(3) (\$) 110.0	0			
SUBMITTED BY					- 1		(Complete (if applicable))				
Name (Print/Type) Lawrence M. Mennemeier			Registration No. (Attorney/Agent) 51,003 Telephone 408 765-2					408 765-2194				
Signature The Many Manager								10-12-2004				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

be included on this form. Provide credit card information and authorization on P10-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 and select option 2.

6/12

RECEIVED CENTRAL FAX CENTER

OCT 1 2 2004

Attorney's Docket No.: 42P3465XD

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Derrick Chu Lin, et al.

Application No. 10/623,062

Filed: July 18, 2003

For METHOD AND APPARATUS FOR PERFORMING PACKED SHIFT OPERATIONS

Examiner: David Malzahn

Art Unit: 2124

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office,

Fax No. (703)_872-9306

on 10-12-04

Date

Tawrence Mennemeier

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(c)

The undersigned attorney/agent represents that the undersigned attorney/agent is the attorney/agent of record for the above-referenced patent application.

The assignee of the	entire right, title, and interes	t in and to the a	bove-referenced		
patent application is	Intel Corporation	· · · · · · · · · · · · · · · · · · ·	("assignee"),		
a <u>Delaware</u> corporation having a place of business at					
2200 Mission College Blve	l., Santa Clara, CA 95052				
	(Address)				

The te	rminal part of any patent g	ranted on the above-id	lentified application that
would extend	beyond the expiration of the	ne full statutory term o	of
<u>X</u>	United States Patent No.	6,631,389	entitled
	APPARATUS FOR PER	FORMING PACKED	SHIFT OPERATIONS,
	and filed on Dec. 22, 200	O, as presently short	ened
	by any terminal disclaime	er,	
is hereby disc	aimed, except as provided	below, and it is agree	d that any patent so granted
on the above-i	dentified application shall	be enforceable only fo	or and during such period
that the legal t	itle to said patent shall be	the same as the legal ti	itle to
<u>X</u>	United States Patent No.	6,631,389 ,	
this agreemen	to run with any patent gra	nted on the above-ide	ntified application and to
be binding up	on the grantor, its successo	rs, or assigns.	. *
No disc	laimer is being made as to	any terminal part of a	ny patent granted on the
above-identific	ed application prior to the	expiration of the full s	tatutory term of
<u>X</u>	United States Patent No.	6,631,389 ,	as presently
	shortened by any terminal	disclaimer,	
in the event th	at it later expires for failure	e to pay a maintenance	fee, is held
unenforceable	, is found invalid, is statuto	orily disclaimed in who	ole or terminally
disclaimed un	der 37 C.F.R. § 1.321(a), h	as all claims canceled	by a reexamination
certificate, is r	eissued, or is otherwise ter	minated prior to expir	ation of its statutory term
as presently sh	ortened by any terminal di	sclaimer, except for th	e separation of legal title
stated above.			
Author	ization is given to charge I	Deposit Account No. 0	2-2666 in the amount
~£¢ 110.00	for	the fee under 27 C F D	8 1 20(d)

Please charge Deposit Account No. 02-2666 for any fee deficiency that may be due. A duplicate of this Terminal Disclaimer is enclosed for Deposit Account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10-12-2004

Lawrence M. Mennemeier

Reg. No. 51,003

12400 Wilshire Boulevard Seventh Floor Los Angeles, California 90025 (408) 720-8598

Signature

PTO/SR/17 (10-03)

10-12-2004

Under the Paper	work Reduction Act of 199	5, no persons are requ	lred to	respon			t and Tra	ademark	Office; U.S. DE	PARTMENT	OMB 0651-0032 OF COMMERCE B control number
			Complete if Known								
	ETRANS	NIIIIA	L	Apr	lication	Nun	nber	10/62	3,062		
C EV.0004					July 1	July 18, 2003					
for FY 2004						Derrick Chu Lin					
Effective 10/0	1/2003. Patent fees are su	bject to annual revision	١.	-			Pavid Malzahn				
Applicant clai	ms small entity status.	See 37 CFR 1.27					· · · · · · · · · · · · · · · · · · ·				
TOTAL AMOUNT	T OF PAYMENT	(\$) 110.00				2124					
TOTAL AMOUN	OFFAIMEN	(4) 110.00		Atto	mey D	ocket	No.	42P34	עאכטו		
METHOD C	F PAYMENT (check	all that apply)	FEE CALCULATION (continued)								
Check Cr	edit card Money Order	Other None	3. ADDITIONAL FEES								
Deposit Accour	t:		_	Large Entity Small Entity							
Deposit 02	2666		Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee	Description		Fee Paid
Number			1051	130	2051	65		-	e filing fee or oa		
Deposit Account			1052	50	2052	25	Surcha cover a		e provisionat filir	ng fee or	
Name	rized to: (check all that ap	ody)	1053	130	1053	130			ecification		
Charge fee(s) indic		It any overpayments	1812	•	1812	•			iest for ex parte		>n
Charge any eddific	nal fee(s) or any underpay	ment of fee(s)	1804	920	1804	920	Reque: Examin	sting put ner action	blication of SIR p n	ot roix	
	ated below, except for the	filing fee	1805	1,840	1805	1,840		sting pui	blication of SIR a	after .	
to the above-identified			1251	110	2251	55			eply within first n	กอกป่า	
	FEE CALCULATION		1252	420	2252	210			eply within secoi		
1. BASIC FILING Large Entity Small E			1253	950	2253	475	Extens	ion for re	eply within third	month .	
	ee <u>Fee Description</u>	Fee Paid	1254	1,480	2254	740	Extens	ion for re	eply within fourth	month .	
	385 Utility filing fee		1255	2,010	2255	1,005	Extens	ion for re	eply within fifth m	nonth .	
	70 Design filing fee	·	1401	330	2401	165	Notice	of Appea	al	i	<u> </u>
1003 530 2003 2	165 Plant filing fee		1402	330	2402	165	Filing a	brief in	support of an ap	peat	<u> </u>
1004 770 2004 3	85 Reissue filing fee		1403	290	2403		-		hearing ;		
1005 160 2005	80 Provisional filing f	60	1451		į .				nte a public use p	proceeding	
ı	SUBTOTAL (1)	(\$).	1452	110	2452				e - unavoldable		
2. EXTRA CLAIM	FEES FOR UTILITY		1453 1501	-	2453 2501				e - unintentional (or reissue)		
		es from below <u>Fee Paid</u>	1502	480	2502		Design		•		
Total Claims	-20** = X	=	1503	640	2503		Plant is			••	
Independent Claims] -3** = L X <u> </u>		1460	130	1460	130	Petition	s to the	Commissioner		
Multiple Dependent	L-		1807	50	1807	50	Process	sing fee	under 37 CFR 1	.17(q)	
Large Entity Small Fee Fee Fee		nn	1806	180	1806				nformation Disclo		
Fee Fee Fee Code (\$) Code	(\$)		8021	40	8021	40	Recordi	ng each	patent assignme number of prope	ent per	
1202 18 220			1809	770	2809		Filling a	submiss	ion after final rej		
1201 86 220			484-				(37 ČFR	R 1,129(a	a))		├
1		nt ctaim, if not paid	1810	770	2810	385	For each	n additio ed (37 Cl	nal invention to 1 FR 1.129(b))	De	<u> </u>
1204 86 220	4 43 "" Reissue indepe over original pa		1801	770	2801	385			ntinued Examina	ition (RCE)	
1205 18 220	5 9 ** Reissue claims and over origina		1802	900	1802	900	Reques	st for exp ign appli	pedited examination	tion	
	•		Other f	ee (spe	cify)	TERM	_	5 <u>0LAL</u>		0(d)	110.00
SURTOTAL (2) ((5) II				Basic Fil				UBTOTAL (3)	(\$) 110.0		
	and the state of t			_					(Complete (# spp		
SUBMITTED BY Name (Print/Type)	Lawrence M. Menne	Parishation No.									
vonie (ciuulype)	Lawierice IVI. IVIETINE	1110101		tomey/A		31,0	w		. 510privite 400	7.00-2194	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Be included on this form. Provide creat card information and authorization of Pro-2030.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CENTRAL FAX CENTER

OCT 1 2 2004

Attorney's Docket No.: 42P3465XD

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Derrick Chu Lin, et al.

Application No. 10/623,062

Filed: July 18, 2003

For METHOD AND APPARATUS FOR PERFORMING PACKED SHIFT

OPERATIONS

Examiner: David Malzahn

Art Unit: 2124

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and

Trademark Office,

Fax No. (703)_872-9306 on 10-12-04

Date

awtence Mennemeier

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(c)

The undersigned attorney/agent represents that the undersigned attorney/agent is the attorney/agent of record for the above-referenced patent application.

The assignee of the entire right, title, and interest in and to the above-referenced patent application is <u>Intel Corporation</u> ("assignee"), _____ corporation having a place of business at 2200 Mission College Blvd., Santa Clara, CA 95052 (Address)

The terminal part of any patent granted on the above-identified application that
would extend beyond the expiration of the full statutory term of
X United States Patent No. 6,631,389, entitled
APPARATUS FOR PERFORMING PACKED SHIFT OPERATIONS,
and filed on Dec. 22, 2000, as presently shortened
by any terminal disclaimer,
is hereby disclaimed, except as provided below, and it is agreed that any patent so granted
on the above-identified application shall be enforceable only for and during such period
that the legal title to said patent shall be the same as the legal title to
X United States Patent No. 6,631,389
this agreement to run with any patent granted on the above-identified application and to
be binding upon the grantor, its successors, or assigns.
No disclaimer is being made as to any terminal part of any patent granted on the
above-identified application prior to the expiration of the full statutory term of
X United States Patent No. 6,631,389, as presently
shortened by any terminal disclaimer,
in the event that it later expires for failure to pay a maintenance fee, is held
unenforceable, is found invalid, is statutorily disclaimed in whole or terminally
disclaimed under 37 C.F.R. § 1.321(a), has all claims canceled by a reexamination
certificate, is reissued, or is otherwise terminated prior to expiration of its statutory term
as presently shortened by any terminal disclaimer, except for the separation of legal title
stated above.
Authorization is given to charge Deposit Account No. 02-2666 in the amount
of \$ 110.00 for the fee under 37 C.F.R. § 1.20(d).

Please charge Deposit Account No. 02-2666 for any fee deficiency that may be due. A duplicate of this Terminal Disclaimer is enclosed for Deposit Account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10-12-2004

Lawrence M. Mennemeier

Reg. No. 51,003

12400 Wilshire Boulevard Seventh Floor Los Angeles, California 90025 (408) 720-8598